

Earthdata UTC Meeting 09.13.2016

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - EMS Release 1.5.0.2 - Parallelization and DNS performance updates
 - Deployed to production on 08/17/2016
 - Overall EMS processing time has been reduced from about 20 hours a day to about 11 hours.
 - New ASF Distribution File Names
 - Working with ASF to test four new ASF distribution files in UAT.
 - We plan to promote these files to production by early next week.
 - LPDAAC
 - Testing OPeNDAP files in UAT. Files will be promoted to production soon.
 - GHRC
 - Testing new distribution files in UAT. Will promote to production after EMS analysts provide concurrence.
 - GES DISC
 - Configuring and testing a new GES DISC NRT distribution file.
 - ECS Release 8.4.2 Testing
 - Working with ECS developers to test files that are produced with the new release of the ECS software.
 - NSIDC has informed EMS that they will be testing this build in the near future.

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- 6. CMR/ECHO/Earthdata Search/MMT
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 - CMR Release Status
 - Earth Data Search Release Status
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- 10. Special Topic - Fat JSON and Facets V2 in the CMR

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3. Earthdata Login

Peter Smith

- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
 - Please get in touch (Peter Smith) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
 - Current increment PI2.2
 - In Production (Release 4.54)
- **[Earthdata Login public wiki](#)**
 - *** [New Tools page](#) ***
- Failover contingency testing on September 21st, between 9am and 10am. Please expect an outage lasting at most 30 minutes.

Sprint Status

Sprint	Start Date	Release	UAT Date	OPS Date
P2.2	 05 Sep 2016			

P2.1	 22 Aug 2016	4.55	 13 Sep 2016	
PI1.4	 01 Aug 2016	4.54	 14 Aug 2016	 14 Aug 2016
PI1.3	 18 Jul 2016	4.53	 08 Aug 2016	 11 Aug 2016

Ticket Status

Ticket	Sprint
URSF0UR-715 - Support HEAD authentication requests	
URSF0UR-713 - URS cookies contain invalid Expires timezone	
URSF0UR-705 - An application should be able to redirect to ED Login for additional EULA/Sentinel authorizations	
URSF0UR-704 - Add 'Application' as user type options for user profile	
URSF0UR-701 - Accept both username and email at the login	
URSF0UR-698 - Implement unauthorized access to public user profile data	
URSF0UR-697 - Determine which user profile fields should be public, and which should require authorization	

<p>URSF0UR-695 - Update LDAP Application model to store required user profile attributes</p>	
<p>URSF0UR-694 - Provide capability to support application required user profile attributes during application authorization</p>	
<p>URSF0UR-693 - Provide the ability to add/edit application required fields during application registration</p>	
<p>URSF0UR-690 - want a list of all the applications I can authorize, with descriptions</p>	
<p>URSF0UR-686 - URS appends form parameters to URL when clicking on 'Register' link</p>	
<p>URSF0UR-683 - An application should be able to determine if a user is in a given group</p>	
<p>URSF0UR-677 - URS should return a 401 if an expired refresh token is used.</p>	PI1.4
<p>URSF0UR-675 - Place an upper limit on the maximum number of tokens a user can have.</p>	PI1.4
<p>URSF0UR-674 - Delay cleanup of tokens to allow use of refresh token</p>	PI1.3
<p>URSF0UR-673 - Provide information on what to do if an activation email is not received.</p>	
<p>URSF0UR-670 - Error when MMT accesses URS API in UAT</p>	2.74
<p>URSF0UR-664 - Application image/description does not show up in pre-authorization.</p>	PI1.4

URSFOUR-655 - Include profile 'age' with user profile info.	2.73
URSFOUR-649 - Reference to 'User Registration System' in Earthdata Login GUI.	2.72
URSFOUR-643 - Provide a means for an application to require a value for user profile fields.	2.70


4. Earthdata

Nathan Clark Brett McLaughlin Robert Gelinas

- Earthdata Environment Configuration Service
 - Hosted in NGAP
 - Secure environment variables for applications
- Earthdata Developer Portal
 - Hosted on NGAP
 - Documentation Ingest
- Authentication via NAMS Proof Of Concept (PoC)

Epics

Key	Type	Summary	Status
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 JIRA project doesn't exist or you don't have permission to view it.

[View these issues in JIRA](#)

5. User Support Tool

Nemanja Djuric

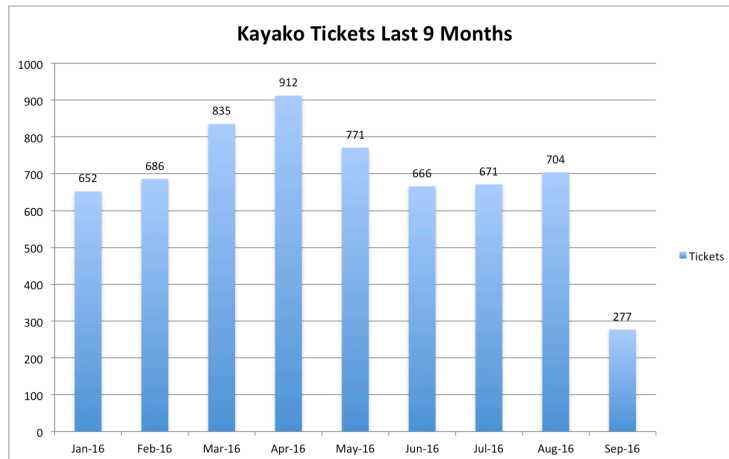
Activities:

Issues:

Tickets 63205 and 63254 were spam. User accounts were locked and tickets were flagged.

Recent Metrics

Kayako Overall Last 9 Months Tickets



Total Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User
ASDC	37	3				
ASF	8			2		
ECC	7					
ECHO	2					
Earthdata	6	1		3		
Earthdata Search	9		1			
FIRMS	5					2
GCMD	3	1				

GES-DISC	1					
GHRC				4		
GIBS	1					
LANCE	1					
LPDAAC	35	2	1	1	2	
MODAPS	27					
NSIDC	1					
ORNL DAAC	9			8		
PO.DAAC	8	1		2		
PO.DAAC Forum	3					
Rapid Response	2					
Reverb	8			1		
Sea Level Change	1					
URS	105			3		
Worldview	11			1		1
Total	290	8	2	25	2	3


6. CMR/ECHO/Earthdata Search/MMT

Doug Newman

CMR/ECHO System Status

System Issues

- 8/30 6:21 AM - 06:26 AM & 9/1 05:32 AM - 05:37 AM CMR slowdown which caused Reverb outage

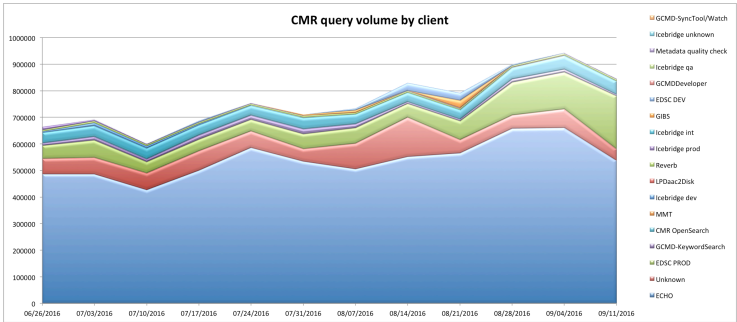
 [CMR-2458](#) - JIRA project doesn't exist or you don't have permission to view it.

- 09/05 11:54-11:59PM - Memory issues in Operations ECHO kernels

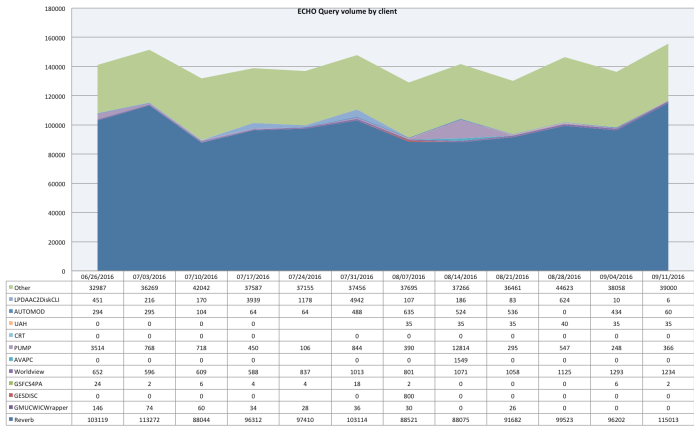
 [CMR-3360](#) - JIRA project doesn't exist or you don't have permission to view it.

Recent Metrics

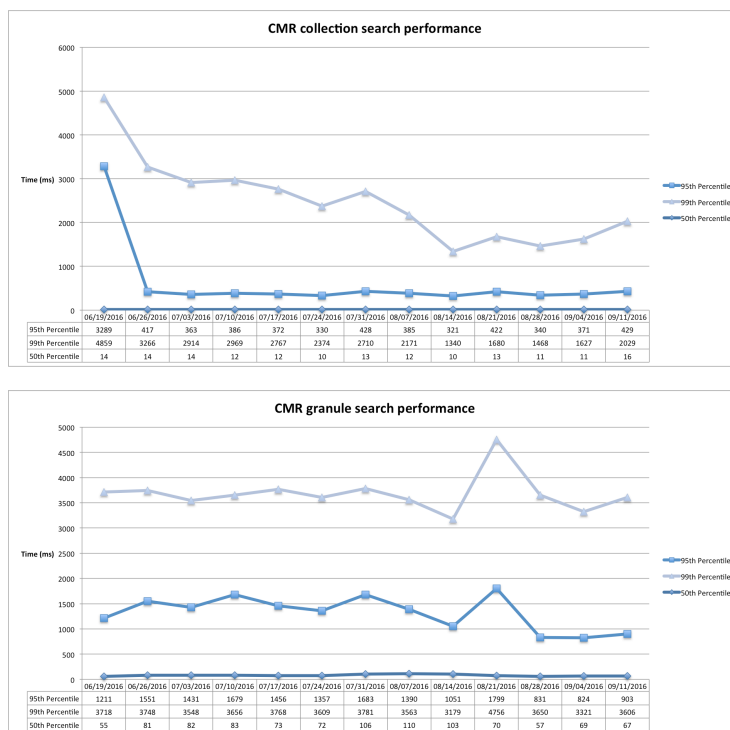
CMR client usage



ECHO Client Usage



CMR Query Performance














CMR Release Status

In Production: 1.57






- **CMR-3266** CDDIS granules for UMM version 1.2 collections failing to index in operations
- **CMR-3259** Configuration parameter COLLECTION_V2_INDEX_NUM_SHARDS not being read correctly
- **CMR-3239** As a CMR Administrator, I want the CMR to log an error if there is an unrecognized environment variable configured during startup
- **CMR-3232** Virtual granules not removed from CMR after parent granule is removed
- **CMR-3214** Entry Title pulled from different location during collection indexing of ISO metadata
- **CMR-3207** All same level science keyword facets are applied when one of them is applied
- **CMR-3158** As a client user, I want to be able to retrieve UMM JSON with organization and personnel fields translated from ECHO 10
- **CMR-2606** As a Client User, I want the CMR to reject a search if I use an invalid concept id

In UAT: 1.58








	CMR-3322	Search with empty token parameter causes 500 error
	CMR-3296	Searching for an ingested dataset returns an empty result (UAT) (CMR Bug)
	CMR-3260	As a Client User, I want to be able to submit humanizer fixes for immediate use.
	CMR-3255	Fix ISO SMAP mapping problems from real data
	CMR-3254	Fix ISO19115 mapping problems from real data
	CMR-3253	Fix DIF10 mapping problems from real data
	CMR-3252	Fix DIF9 mapping problems from real data
	CMR-3195	As a Client User, I would like to enable UMM JSON schema validation for an individual ingest request
	CMR-3158	As a client user, I want to be able to retrieve UMM JSON with organization and personnel fields translated from ECHO 10
	CMR-2840	Elements being dropped from DIF to ECHO10 conversion
	CMR-2458	All granule spatial queries causing poor performance in the CMR

Earth Data Search Release Status

In Production: 1.26

	EDSC-1150	EDSC UAT in NGAP uses 'production' env value in crontab file
	EDSC-1145	Update Faraday to respect no_proxy
	EDSC-1098	As a user, I want a more clear mechanism for temporal selection so I may more easily select the time range I am interested in
	EDSC-1097	As a user, I want a more clear mechanism for spatial selection and map interaction so I may more easily interact with the map
	EDSC-1082	As a client user, I want the cloud-deployed Earthdata Search to have performance similar to the on-premises client

In UAT: 1.27

	EDSC-1178	Get EDSC ngap code onto master prior to PROD deployment
	EDSC-1175	Remove NGAP test code from EDSC
	EDSC-1144	SIT and UAT EDSC in NGAP use prod browse-scaler root url
	EDSC-1143	Order failure description is not present
	EDSC-1091	Update EDSC granule list design based on LPDAAC feedback
	EDSC-1090	Update EDSC collections list design based on LPDAAC feedback
	EDSC-1087	As a user, I want the cloud-based Earthdata Search to retain the data from the on-premises version so I do not lose data in the migration

Metadata Management Tool Release Status

In Ops: 1.27

T	Key	Summary
	MMT-654	500 error when I click on 'Groups' on the Manage CMR page
	MMT-650	Add confirmation to Delete Order Policies button
	MMT-630	Publication confirmation emails not delivered via some mail servers
	MMT-622	Preview page header doesn't gracefully handle non-picklist values
	MMT-621	Add short name and version ID to email receipt
	MMT-564	As a Provider, I want to remove the assignment of a data quality summary from one or more collections.
	MMT-563	As a Provider, I want to update an existing data quality summary.
	MMT-134	As a CMR Administrator, I want to deactivate the Secure Socket Layer (SSL) certificate for a Provider.
	MMT-133	As a CMR Administrator, I want to set the Secure Socket Layer (SSL) certificate for a Provider.

In UAT: 1.30

	MMT-691	Error trying to delete collection using MMT in UAT
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Upcoming PMs

 14 Sep 2016

- EDSC-NGAP to PROD (tentative)

7. GIBS

Matthew Cechini

- **General Items**
 - ICD Revision 2 - Document is open for public review in COMET. Comments due by 8/18/16. (OVERDUE)
 - Legacy "VIS" Shutdown - All required activities to shutdown the legacy "vis" GIBS hosts have completed.

- **New/Planned Products**

- Multi-Day Products - Numerous multi-day imagery products have been released to GIBS production, but cannot be included in Worldview until an issue with image download is resolved. Initial testing is planned for week of 9/12.
 - WELD Annual & Monthly CR321 & NDVI
 - MOPITT Historical
 - CERES Historical
 - MISR Radiance
- MODIS Collection 6 - Atmosphere & Land Reprocessing
 - Atmosphere STD Reprocessing - Addressing identified issues with AOD, Cloud Top Height, Water Vapor, Optical Thickness, and Effective Radius layers.
 - Atmosphere NRT Forward Processing - Addressing identified issues with Cloud Top Height and "PCL" layers in production.
 - Land L2 - Awaiting full completion of Atmosphere L2 products.
 - Land L3 - Coordinating with MODAPS on first phase of sample imagery
- Non-BEDI Imagery Products
 - Completed review of updated OMI AOD NRT products. Awaiting historical reprocessing prior to release.
 - Reviewing MISR NRT high-res products with imagery provider and science team.
 - Testing MODIS C6 NDVI NRT imagery products in test environments.
- BEDI Activities - Actively working towards operationalization of the following products:
 - OMI/AIRS/MERRA/LDAS - GESDISC
 - Coordinating update to Giovanni to address color palette issues.
 - Initial testing is positive, awaiting release to production.
 - OMI, MERRA, LDAS, and AIRS historical reprocessing to be performed next.
 - RSS/LIS - GHRC
 - Verifying historical reprocessing and testing forward processing.
 - MOPITT/CERES/MISR - ASDC
 - Testing resolution to MISR granule "issue" for historical reprocessing.
 - ASTER L1T - LPDAAC
 - Coordinating granule delivery with LPDAAC.
 - Aquarius/MEaSURES/SSM/I - NSIDC
 - Performing analysis of historical processing.
 - Pending testing of forward processing.
 - Aquarius/MODIS PODAAC
 - Completed initial ingest testing.

Alex De Luca Jerome King

- **GIBS Production Status**

- Planned Maintenance for 08/31 to fix a SAN member's failing drive
- Planned Maintenance for 09/07 to fix a VMware exploit
- From 09/09 to 09/11 around 12pm to 2pm EDT GIBS was experience spotty outages that only had a duration of couple of minutes each time, Currently NetOps is looking into the cause.
- Switch to newest AMSR2 file delivery

8. Worldview

Taylor Gunnoe

- Worldview 1.2.2 - Released Aug 31, 2016
- Custom colormaps for layers with dual color palettes
- Animation features - In progress for v1.3
- OpenStreetMap updates

9. Open Floor

Action from Aug 16 UTC:

Kathy to find out specifics of how / whether keyword values are currently enforced in CMR

ingest, any planned dates for strict enforcement,
and how we will handle cases where old keywords are no longer valid.

Keyword Validation in the CMR

- Cmr-Validate-Keywords:true

10. Special Topic - Fat JSON and Facets V2 in the CMR

[Slides from Jason's presentation](#)

To suggest Humanizer candidates, add your suggestions [here](#)